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SEQUENCE LISTING

<110> Bayer BioScience N.V.

The Regents of the University of California

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Vancanneyt, Guy

Kempin, Sherry

<120> Method and means for delaying seed shattering in Brassicaceae

<130> BCS 03-2003

<150> EP 03076952.5

<151> 2003-06-23

<160> 11

<170> PatentIn version 3.0

<210> 1

<211> 597

<212> DNA

<213> Artificial

<220>

<223> nucleotide sequence of the INDEHISCENT gene of A. thaliana (AT-IN
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<400> 1
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gattggaaca aagctaataa tcttctcaca caagaacacg cagcttttct caatgatcct 180
caccatctca tgtagatcc acctcccga accctaattc acttggaaga agacgaagag 240
tacgatgaag acatggatgc gatgaaggag atgcagtaca tgatcgccgt catgcagccc 300
gtagacatcg accctgccac ggtccctaag ccgaaccgcc gtaacgtaag gataagcgac 360
gatcctcaga cgggtggtgc tcgtcggcgt cgggaaagga tcagcgagaa gatccgaatt 420

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ctcaagagga tcgtgcctgg tggcgcaag atggacacag cttccatgct cgacgaagcc	480
atacgttaca ccaagttctt gaaacggcag gtgaggattc ttcagcctca ctctcagatt	540
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<210> 2

<211> 643

<212> DNA

<213> Artificial

<220>

<223> Nucleotide sequence of a INDEHISCENT homologue from Brassica napus (BN1-IND)

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tcatctcctt atgaactgga acaaacctat tgatctcatt acacaagaaa actcttttaa	180
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gccgacagtc ttctccgatc ccggaggagg agaggaagca gaagacgaag aaggagagga	300
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caccaagttc ttgaaacggc aggtgaggct tcttcagcct cacactcagc ttggggctcc	600
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<210> 3

<211> 660

<212> DNA

<213> Artificial

<220>

<223> nucleotide sequence of a second INDEHISCENT homologue from Brassica napus (BN2-IND)

<400> 3	
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catctcctta tgaattggaa caaacctatt gatctcatta cagaagaaaa ctcttttaac	180

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<210> 4

<211> 20

<212> DNA

<213> Artificial

<220>

<223> common nucleotide sequence of oligonucleotides c0109/c0111

<400> 4

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20

<210> 5

<211> 20

<212> DNA

<213> artificial

<220>

<223> common nucleotide sequence of oligonucleotides c0110/c0112

<400> 5

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<210> 6

<211> 20

<212> DNA

<213> Artificial

<220>

<223> common nucleotide sequence of oligonucleotides c0113/c0114

<400> 6

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<210> 7

<211> 20

<212> DNA

<213> Artificial

<220>

<223> common nucleotide sequence of oligonucleotides C0115/C0117

<400> 7
aggagtgtgc gactcttgtg 20

<210> 8

<211> 19

<212> DNA

<213> Artificial

<220>

<223> common nucleotide sequence of oligonucleotides c0116/c0118

<400> 8
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<210> 9

<211> 895

<212> DNA

<213> Artificial

<220>

<223> nucleotide sequence of the SHATTERPROOF 1 gene of *A. thaliana* (AT-SHP1

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cgacgcaatg	gtcttctcaa	gaaagcttat	gaactctctg	tcttggtgta	tgccgaagtt		180
gccctcgtca	tcttctccac	tcgtggccgt	ctctatgagt	acgccaacaa	cagtgtgagg		240
ggtacaattg	aaagggtacaa	gaaagcttgt	tccgatgccg	tcaaccctcc	ttccgtcacc		300
gaagctaata	ctcagtacta	tcagcaagaa	gcctctaagc	ttcggaggca	gattcgagat		360
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ctcaaaaacc tagaaggacg tcttgaaaaa ggaatcagcc gtgtccgctc caaaaagaat	480
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cagcattata atcggaacta tattccggtg aaccttcttg aaccgaatca gcaattctcc	720
ggccaagacc aacctcctct tcaacttggtg taactcaaaa catgataact tgtttcttcc	780
cctcataacg attaagagag agacgagaga gttcatttta tatttataac gcgactgtgt	840
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<210> 10

<211> 963

<212> DNA

<213> Artificial

<220>

<223> nucleotide sequence of the SHATTERPROOF 2 gene of *A. thaliana* (AT-SHP2)

<400> 10

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acgctgaggt tgctcttggtc atcttctcca ctcgaggccg tctctacgag tacgccaaca	300
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cgaccatcac cgaagctaata actcagtact atcagcaaga ggcgtctaaa ctccggagac	420
agattcggga cattcagaat ttgaacagac acattcttgg tgaatctctt ggttccttga	480
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<210> 11

<211> 931

<212> DNA

<213> Artificial

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<223> nucleotide sequence of the ALCATRAZ gene of *A. thaliana* (AT-ALC)

<400> 11

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tgatgctcaa ttccacaact tgtctgaaaa gaagaggagg agcaagatca acgagaaaat      360
gaaagctttg cagaaactca ttcccaattc caacaagact gataaagcct caatgcttga      420
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tggttttaggc ttaaacccta tgcgattacc acaggttcca cctccaactc atacaaggat      540
caatgagacc ttagagcaag acctgaacct agagactctt ctgctgctc ctcactcgct      600
ggaaccagct aaaacaagtc aaggaatgtg cttttccaca gccactctgc tttgaagata      660
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tgttttgagt ttttagcattg gccagatttc tatgttcagt tatagttatg ctaataagct      780
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aaaagactaa ttacttaca tatgagatga ttattacaac tatcaaatga ctatgtctgt      900
gagttgcatc caaaaaaaaaa aaaaaaaaaa a                                     931

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